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SHERIDAN ROSS PC
1560 BROADWAY
SUITE 1200
DENVER, CO 80202

EXAMINER	
DEAN, RAYMOND S	

ART UNIT	PAPER NUMBER
2684	7

DATE MAILED: 05/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/866,308	DURIAN ET AL.	
	Examiner	Art Unit	
	Raymond S Dean	2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1 - 38* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1 - 38* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *4*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 4 and 6 - 38 are rejected under 35 U.S.C. 102(e) as being anticipated by Wong et al. (US 6,696,922 B1).

Regarding Claim 1, Wong teaches a method of providing a wireless communications channel, comprising: receiving at a docking station a first signal comprising at least a first communications channel control command from a first application program (Figure 1, Column 7 lines 38 – 41, Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6), wherein said first signal is formatted according to a first protocol (Column 9 lines 64 – 67, Column 10 lines 1 – 6, there is translation of the control signals from the peripheral device into a format that the pager recognizes, said translation is protocol translation), and wherein said docking station comprises an adaptor (Column 7 lines 38 – 49, the docking cradle is the adaptor); in response to receiving said first signal, selecting at least a first wireless communications device

control command and formatting said at least a first wireless communications device control command according to a second protocol to create a second signal (Column 9 lines 64 – 67, Column 10 lines 1 – 6, there is translation of the control signals from the peripheral device into a format that the pager recognizes, said translation is protocol translation); and passing data received from at least one of said first application program and a second application program through said adaptor and to a wireless communications device, wherein said data is transmitted over said communications channel (Column 7 lines 38 – 41, Column 9 lines 17 – 39, the docking station comprises the docking cradle).

Regarding Claim 2, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said at least a first communications channel control command corresponds to said at least a first communications device control command (Column 9 lines 17 – 39, the pager and the peripheral device transmit/receive control signals for the purpose of establishing a communication channel such that said pager and said peripheral device can communicate thus this is an inherent characteristic).

Regarding Claim 3, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches transmitted data that is formatted according to said first protocol (Column 9 lines 64 – 67, Column 10 lines 1 – 6, the translation is a protocol translation thus there will be a first protocol).

Regarding Claim 4, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches transmitted data that is formatted according to a third protocol

(Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, since there are a plurality of different peripheral devices there will be a plurality of protocols).

Regarding Claim 6, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said at least a first wireless communications device control command is selected from a set of wireless communications device control commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, since the peripherals can communicate with the pager via the docking station this is an inherent characteristic), and wherein said first set of wireless communication device control commands is determined by said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, since the peripherals can communicate with the pager via the docking station this is an inherent characteristic).

Regarding Claim 7, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said at least a first wireless communications device control command is selected from a first set of wireless communications device control commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, since the peripherals can communicate with the pager via the docking station this is an inherent characteristic), and wherein said adaptor is incapable of selecting and formatting a wireless communications device control command selected from at least a second set of wireless communications device control commands (Column 7 lines 38 – 41, Column 9 lines 17 – 39, there are a plurality of different peripheral devices, thus there can be one or more peripheral devices connected to the external ports of the docking station, if there is only one peripheral device connected then the docking station

will only be able to select and format a wireless communications device control command from one set of wireless communications device control commands).

Regarding Claim 8, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches receiving at said adaptor a third signal comprising at least a second communications device control command from said wireless communications device (Column 7 lines 38 – 41, Column 9 lines 17 – 39, there are a plurality of different peripheral devices, thus there can be one or more peripheral devices connected to the external ports of the docking station, if there are two peripheral devices connected then the docking station can select and format a wireless communications device control command from two sets of wireless communications device control commands), wherein said second communications device control command is formatted according to said second protocol (Column 9 lines 64 – 67, Column 10 lines 1 – 6, the second protocol is the protocol that the pager recognizes); and selecting at least a first communications channel control command and formatting said at least a first communications channel control command according to said first protocol to create a fourth signal (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6), wherein said steps of selecting and formatting are performed by said adaptor (Column 7 lines 38 – 49, Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the docking station comprises the docking cradle).

Regarding Claim 9, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said first wireless communications channel control command is selected from a first set of wireless communication channel control

commands and is formatted according to said first protocol (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the pager control signals will be translated to a protocol that the peripheral recognizes by the docking station), wherein said first set of wireless communications channel control commands and said first protocol are determined by said docking station (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the pager control signals will be translated to a protocol that the peripheral recognizes by the docking station), wherein said at least a first wireless communications device control command is selected from a first set of wireless communications device control commands and is formatted according to said second protocol, and wherein said first set of wireless communications device control commands and said second protocol are determined by said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the pager control signals will be formatted in the protocol that said pager recognizes before said signals are transmitted to the docking station).

Regarding Claim 10, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said step of selecting at least a first wireless communications device control command and formatting said at least a first wireless communications device control command according to a second protocol to create a second signal comprises (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the pager control signals will be formatted in the protocol that said pager recognizes before said signals are transmitted to the docking station): selecting at least a first command from a set of API commands corresponding to said first signal;

formatting said selected at least a first API command (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the peripheral devices comprise interfaces with which to connect to the peripheral ports on the docking station thus there are inherent API commands); selecting at least a first wireless communications device control command corresponding to said at least a first API command; and formatting said at least a first wireless communications device control command (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, these are inherent characteristics of the interactive docking system).

Regarding Claim 11, Wong teaches all of the claimed limitations recited in Claim 10. Wong further teaches wherein said steps of selecting and formatting an API command are performed by said docking station (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, these are inherent characteristics in the interactive docking system), and wherein said steps of selecting and formatting at least a first wireless communications device control command are performed by said adaptor (Column 7 lines 38 – 49, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the docking station, which comprises the docking cradle conducts the selection and formatting).

Regarding Claim 12, Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches receiving at said docking station a query for information regarding capabilities of said wireless communications device from said at least one of said first application program and said second application program (Column 9 lines 17 – 39, the exchange of control signals comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager thus

this is an inherent characteristic), and returning said information to said at least one of said first application program and said second application program (Column 9 lines 17 – 39, the exchange of control signals comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager thus this is an inherent characteristic).

Regarding Claim 13, Wong teaches all of the claimed limitations recited in Claim 12. Wong further teaches wherein said information is stored in said docking station (Column 9 lines 4 – 39, the only way that the peripherals can gain access to this information is from the docking station thus this is an inherent characteristic).

Regarding Claim 14, Wong teaches all of the claimed limitations recited in Claim 13. Wong further teaches interconnecting said wireless communications device to said docking station (Figure 1), wherein said information is stored in said docking station when said wireless communications device is interconnected to said docking station (Figure 1, Column 9 lines 4 – 39, the handshaking can only occur when the pager is connected thus this is an inherent characteristic).

Regarding Claim 15, Wong teaches an apparatus for providing a wireless communications channel to at least a first application, comprising: an adaptor for interconnecting to a wireless communications device capable of transmitting data (Figure 1, Column 7 lines 38 – 49, the docking cradle is the adaptor), wherein aspects of the operation of said wireless communications device may be controlled using wireless communications device control commands selected from at least a first set of wireless communications device control commands (Column 9 lines 17 – 39, Column 9

lines 64 – 67, Column 10 lines 1 – 6, when there is one peripheral connected to the docking station there will be one set of pager control commands); a docking station interconnected to said application and to said adaptor (Figure 1, Column 7 lines 38 – 49, the docking cradle is the adaptor), wherein a command selected from at least a first set of communications channel control commands received from said at least a first application is translated into at least a first wireless communications device control command selected from said at least a first set of wireless communications device control commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6), and wherein data other than data comprising control commands received from said application is not translated (Column 10 lines 32 - 43, the GPS receiver exchanges control signals with the pager to establish the handshaking needed to send the geographic location data to said pager, said geographic location data is not translated).

Regarding Claim 16, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein said data is formatted according to a first protocol, at least when it is passed between said at least a first application and said docking station (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the data transmitted from the peripheral device is formatted according to a protocol that said peripheral device recognizes, said data is then translated to a format that the pager recognizes).

Regarding Claim 17, Wong teaches all of the claimed limitations recited in Claim 16. Wong further teaches wherein said first protocol is an internet protocol (Column 9 lines 40 – 43, Ethernet ports can use an internet protocol).

Regarding Claim 18, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein data other than data comprising control commands is formatted according to a first protocol when it is passed between said adaptor and said at least a first application (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the data transmitted from the peripheral device is formatted according to a protocol that said peripheral device recognizes, said data is then translated to a format that the pager recognizes) and wherein said data is formatted according to a second protocol when it is passed between said adaptor and said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the data transmitted from the peripheral device is formatted according to a protocol that said peripheral device recognizes, said data is then translated to a format that the pager recognizes).

Regarding Claim 19, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein said docking station is interconnected to said at least a first application using a communications interface (Figure 1, Column 9 lines 17 – 43, the ports are the communication interfaces).

Regarding Claim 20, Wong teaches all of the claimed limitations recited in Claim 19. Wong further teaches wherein said communications interface comprises a daughter

board (Column 9 lines 40 – 43, the ports comprise circuitry, said circuitry is housed on a circuit board thus this is an inherent characteristic).

Regarding Claim 21, Wong teaches all of the claimed limitations recited in Claim 19. Wong further teaches wherein said communications interface comprises an Ethernet interface (Column 9 lines 40 – 43).

Regarding Claim 22, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein said adaptor is of a first type when said wireless communications device requires a command selected from said first set of wireless communications device control commands (Column 7 lines 38 – 41, Column 9 lines 17 – 39, there are a plurality of different peripheral devices, thus there can be one or more peripheral devices connected to the external ports of the docking station, if there are two peripheral devices connected then the docking station can select and format a wireless communications device control command from two sets of wireless communications device control commands), and wherein said adaptor is of a second type when said wireless communications device requires a command selected from a second set of wireless communications device control commands (Column 7 lines 38 – 41, Column 9 lines 17 – 39, there are a plurality of different peripheral devices, thus there can be one or more peripheral devices connected to the external ports of the docking station, if there are two peripheral devices connected then the docking station can select and format a wireless communications device control command from two sets of wireless communications device control commands).

Regarding Claim 23, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein said docking station translates said command selected from at least a first set of communications channel control commands into a corresponding at least a first system command selected from a first set of system commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the docking cradle in conjunction with the docking station conducts the translation), and wherein said adaptor translates said at least a first system command into said at least a first wireless communications device control command selected from at least a first set of wireless communications device control commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the docking station conducts the translation, when there is one peripheral connected to the docking station there will be one set pager control commands).

Regarding Claim 24, Wong teaches all of the claimed limitations recited in Claim 15. Wong further teaches wherein said adaptor comprises memory and wherein said memory contains information regarding capabilities of said wireless communications device (Column 9 lines 4 – 39, the only way that the peripherals can obtain information on the capabilities of the pager is from the docking station therefore the memory of said docking station will contain information on the capabilities of said pager).

Regarding Claim 25, Wong teaches a method for providing a universal wireless data interface, comprising: providing a docking station comprising an adaptor and at least a first standardized interface (Figure 1, Column 7 lines 38 – 49, the docking cradle is the adaptor) interconnecting said adaptor to a wireless communications device

(Figure 1, Column 7 lines 38 – 41); interconnecting at least a first external device to said standardized interface; receiving at least a first communications channel control command from a first application running on said at least a first external device at said interface (Figure 1, Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6) ; translating said at least a first communications channel control command into at least a first corresponding wireless communications device control command selected from a group of wireless communications device control commands; and providing said at least a first wireless communications device control command to said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6).

Regarding Claim 26, Wong teaches all of the claimed limitations recited in Claim 25. Wong further teaches interconnecting at least a second external device to said standardized interface (Figure 1, Column 9 lines 17 – 39); receiving at least a second communications channel control command from a second application running on said second external device at said interface (Column 9 lines 17 – 39); in said adaptor, translating said at least a second communications channel control command into at least a second corresponding wireless communications device control command selected from a group of wireless communications device control commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6, the docking station comprises the docking cradle); and providing said at least a second wireless communications device control command to said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6).

Regarding Claim 27, Wong teaches all of the claimed limitations recited in Claim 25. Wong further teaches receiving at least a first data packet containing data other than a communications channel control command from at least one of said first application and a second application at said standardized interface (Column 9 lines 17 – 39); providing said data packet to said wireless communications device, wherein said at least a first data packet is not reformatted by said adaptor (Column 10 lines 32 - 43, the geographic location data is not translated).

Regarding Claim 28, Wong teaches all of the claimed limitations recited in Claim 25. Wong further teaches wherein said interface translates said at least a first communications channel control command into at least a first system command selected from a set of system commands (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6), and wherein said adaptor translates said at least a first system command into said at least a first wireless communications device control command (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6).

Regarding Claim 29, Wong teaches a method for providing a wireless data interface, comprising: providing a docking station comprising an adaptor and at least a first standardized interface (Figure 1, Column 7 lines 38 – 49), wherein said adaptor is capable of receiving a wireless communications device (Figure 1, Column 7 lines 38 – 41), providing said adaptor with information regarding capabilities of said wireless communications device (Column 9 lines 4 – 39, the exchange of control signals comprises handshaking, handshaking comprises obtaining information about the capabilities of the pager, the only way that the peripherals can obtain information on the

capabilities of the pager is from the docking station therefore the memory of said docking station will contain information on the capabilities of said pager); interconnecting at least a first external device to said standardized interface (Figure 1, Column 9 lines 17 – 39); querying said adaptor for said information regarding capabilities of said wireless communications device; and passing said information regarding capabilities of said wireless communications device to said external device (Column 9 lines 17 – 39, the exchange of control signals comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager).

Regarding Claim 30, Wong teaches all of the claimed limitations recited in Claim 29. Wong further teaches storing said information in said adaptor (Column 9 lines 4 – 39, the exchange of control signals comprises handshaking, handshaking comprises obtaining information about the capabilities of the pager, the only way that the peripherals can obtain information on the capabilities of the pager is from the docking station therefore the memory of said docking station will contain information on the capabilities of said pager).

Regarding Claim 31, Wong teaches all of the claimed limitations recited in Claim 29. Wong further teaches receiving said information from said wireless communications device and storing said information in said adaptor (Column 9 lines 4 – 39, the exchange of control signals comprises handshaking, handshaking comprises obtaining information about the capabilities of the pager, the only way that the peripherals can obtain information on the capabilities of the pager is from the docking station therefore

the memory of said docking station will contain information on the capabilities of said pager).

Regarding Claim 32, Wong teaches all of the claimed limitations recited in Claim 31. Wong further teaches placing a wireless communications device in said adaptor (Figure 1), wherein said information is received from said wireless communications device when said wireless communications device is placed in said adaptor (Column 9 lines 4 – 39, the handshaking can only occur when the pager is connected thus this is an inherent characteristic).

Regarding Claim 33, Wong teaches all of the claimed limitations recited in Claim 29. Wong further teaches querying said wireless communications device for said information and passing said information from said wireless communications device to said adaptor (Column 9 lines 17 – 39, the exchange of control signals comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager thus this is an inherent characteristic).

Regarding Claim 34, Wong teaches all of the claimed limitations recited in Claim 29. Wong further teaches receiving at least a first communications channel control command from an application running on said at least a first external device at said interface (Figure 1, Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6); translating said at least a first communications channel control command into at least a first corresponding wireless communications channel control command selected from a group of wireless communications channel control commands; and providing said at least a first wireless communications device control command to said wireless

communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6).

Regarding Claim 35, Wong teaches an apparatus for providing a wireless communications channel to at least a first application, comprising: an adaptor for interconnecting to a wireless communications device capable of transmitting data (Figure 1, Column 7 lines 38 – 49, the docking cradle is the adaptor), wherein said adaptor is provided with information regarding capabilities of said wireless communications device (Column 9 lines 4 – 39, the docking station comprises the docking cradle, the exchange of control signals comprises handshaking, handshaking comprises obtaining information about the capabilities of the pager, the only way that the peripherals can obtain information on the capabilities of the pager is from the docking station therefore the memory of said docking station will contain information on the capabilities of said pager); a docking station interconnected to said at least a first application and to said adaptor, wherein said information regarding capabilities of said wireless communications device is provided to said at least a first application by said adaptor (Figure 1, Column 9 lines 17 – 39, the exchange of control signals comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager).

Regarding Claim 36, Wong teaches all of the claimed limitations recited in Claim 35. Wong further teaches a response to a query for said information by said at least a first application (Figure 1, Column 9 lines 17 – 39, the exchange of control signals

comprises handshaking, said handshaking comprises requesting and receiving information about the capabilities of the pager).

Regarding Claim 37, Wong teaches all of the claimed limitations recited in Claim 35. Wong further teaches storing said information in memory provided as part of said adaptor (Column 9 lines 4 – 39, the exchange of control signals comprises handshaking, handshaking comprises obtaining information about the capabilities of the pager, the only way that the peripherals can obtain information on the capabilities of the pager is from the docking station therefore the memory of said docking station will contain information on the capabilities of said pager).

Regarding Claim 38, Wong teaches all of the claimed limitations recited in Claim 35. Wong further teaches said wireless communications device interconnected to said adaptor (Figure 1, Column 9 lines 4 – 39, the handshaking can only occur when the pager is connected thus this is an inherent characteristic).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wong et al. (US 6,696,922 B1) in view of Wells et al. (5,023,905).

Regarding Claim 5. Wong teaches all of the claimed limitations recited in Claim 1. Wong further teaches wherein said data received from said at least one of said first application program and said second application program is a serial data stream (Column 9 lines 40 – 43, the docking station can have RS-232 ports thus said docking station can transmit/receive serial data), and passing said data received from said at least one of said first application program and said second application program to said wireless communications device (Column 9 lines 17 – 39, Column 9 lines 64 – 67, Column 10 lines 1 – 6).

Wong does not teach encoding at least a portion of said serial data stream as a parallel data stream.

Wells teaches encoding at least a portion of said serial data stream as a parallel data stream (Column 8 lines 48 – 50).

Wong and Wells (Column 8 lines 20 – 21) both teach a radio pager thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the serial to parallel conversion method taught above in Wells in the docking station of Wong for the purpose of converting a stream of binary data signals into bytes of digital data for transmission to memory thus allowing said docking station to receive and store data in full page format.

Conclusion

5. Any inquiry concerning this communication should be directed to Raymond S. Dean at telephone number (703) 305-8998.

If attempts to reach examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung, can be reached at (703) 308-7745. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

(703) 872-9314 (for Technology center 2600 only)

Hand – delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377

NAY MAUNG
SUPERVISORY PATENT EXAMINER